

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G59/40 C08G59/50 C08G59/68 C08J5/24

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08J C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 133 154 A (CIBA GEIGY AG) 13 February 1985 (1985-02-13) cited in the application page 10; claims 1-7	1-4,6-10
Y	US 4 163 098 A (SCHNEIDER WOLFGANG ET AL) 31 July 1979 (1979-07-31) column 3, line 25 - line 35; tables 1,2 column 3, line 40	1-4,6-10
A	US 5 739 209 A (CONNER MARK DAVID ET AL) 14 April 1998 (1998-04-14) example 3; table 1	1-10
A	EP 1 162 224 A (SUMITOMO ELECTRIC INDUSTRIES) 12 December 2001 (2001-12-12) claims 1-3,12-14 page 4, line 45 - line 46	1-10
	-/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

g document member of the same patent family

Date of the actual completion of the international search

1 October 2004

Date of mailing of the international search report

11/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

O'Sullivan, T

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4 129 556 A (ZONDLER HELMUT ET AL) 12 December 1978 (1978-12-12) claims 1,9; examples 1-9 -----	1-10
A	DATABASE WPI Section Ch, Week 199236 Derwent Publications Ltd., London, GB; Class A21, AN 1992-295579 XP002298892 & JP 04 202420 A (MITSUI TOATSU CHEM INC) 23 July 1992 (1992-07-23) abstract -----	1-10

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0133154	A	13-02-1985	AT 32904 T	15-03-1988
			CA 1244295 A1	08-11-1988
			DE 3469743 D1	14-04-1988
			EP 0133154 A1	13-02-1985
			JP 1751639 C	08-04-1993
			JP 4028011 B	13-05-1992
			JP 60013820 A	24-01-1985
			US 4608300 A	26-08-1986
US 4163098	A	31-07-1979	DE 2838306 A1	08-03-1979
			FR 2401965 A1	30-03-1979
			GB 2003886 A	21-03-1979
US 5739209	A	14-04-1998	US 5698657 A	16-12-1997
EP 1162224	A	12-12-2001	JP 2002060465 A	26-02-2002
			CA 2349685 A1	05-12-2001
			CN 1327019 A	19-12-2001
			EP 1162224 A2	12-12-2001
			ID 30421 A	06-12-2001
			US 2004044175 A1	04-03-2004
			US 2002011190 A1	31-01-2002
US 4129556	A	12-12-1978	CH 602857 A5	15-08-1978
			CA 1109997 A1	29-09-1981
			DE 2754535 A1	15-06-1978
			FR 2373569 A1	07-07-1978
			GB 1546259 A	23-05-1979
			JP 53073300 A	29-06-1978
JP 4202420	A	23-07-1992	JP 3048630 B2	05-06-2000